

IN THE CLAIMS

1. - 130. (Canceled)

131. (New) A composition comprising:

a plurality of different amplification products, wherein each different amplification product comprises (a) a first primer specific portion, (b) a second primer specific portion, and (c) an addressable support-specific portion located between the first primer specific portion and the second primer specific portion, wherein the addressable support-specific portion is different for each different amplification product;

at least two different sequence-specific mobility-modifiers, wherein each different mobility-modifier is capable of sequence specific binding to a different addressable support-specific portion and comprises (a) a tag complement for specifically binding the addressable support-specific portion of one of the plurality of different amplification products, and (b) a tail which imparts to each mobility modifier a mobility that is distinctive relative to the mobilities of one or more of the at least two different mobility-modifiers in a mobility-dependent analysis technique.

132. (New) The composition of claim 131, wherein all of the addressable support-specific portions are substantially the same length.

133. (New) The composition of claim 131, wherein at least one sequence-specific mobility modifier comprises a label.

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